BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Dasarahalli Division

DETAILED ESTIMATE

ne of Work:Maintenance & repairs of footpath and roads in Bagalagunte in ward no.14, Dasarahalli Sub Division

-Code: 3726, Budject Code-05-220610 | **Estimate cost** | **20.00**

Description of Item	Unit / Rate	Nos	Dimensions			Quantity	Rate in Rs.	Total Amount in Rs
			L in m	B in m	D in m			
KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)								
Basic Rate	**299.00**							
AW 6%	**17.94**							
Total	**316.94**							
Rcc Drain								
Pepsi Gowdon road	2	112	1.1	1.0	123.20			
			Total		**123.20**	**316.94**	**Sqm**	**39047**
KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)								
Basic Rate:	5102.00					(174, 20.28)		
Area Weightage 6%	306.12							
Total	**5408.12**							
Rcc Drain								
Pepsi Gowdon road	2	112	1.1	0.15	18.48			
					18.48	**5408.12**	**cum**	**99942**
KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 17 / Item No.4.36)								
Basic Rate	755.00							
AW@ 6%	45.30							
Total	**800.30**							
Rcc Drain								
For Drians Walls								
	4	112		0.6	268.80			
			Total		**268.80**	**800.30**	**Sqm**	**215121**
4 KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								

6442
644.2
7086.2

Basic Rate:	5659.00							
Area Weightage 6%	339.54							
otal	5998.54							
cc Drain								
inayakanagara Cross oad	2	112	1.1	0.15	36.96			
or Drians Walls								
cc Drain								
inayakanagara Cross oad	4	112	0.15	0.6	40.32			
				Total	**77.28**	**5998.54**	**Cum**	**463567**
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, utting, bending, hooking, placing in position, lapping and / or welding wherever required, ying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2)								83,780 8378 92158
Issue rate date : 02.11.2021 till now								
Basic Rate	87417.00					(136, 13.1)		
Area Weightage 6%	5245.02							
Total	**92662.02**							
For Drain								
Qty @60Kg/Cum		0.060	77.28		4.64			
				Total	**4.64**	**92662.02**	**T**	**429655**
Providing and and fixing Precast Concrete slab 10 CM thick witth all lead and lift as per specification **(Data Rate Approved) 2018-19**								
Basic Rate:	2337.00							
Total	**2337.00**							
Rcc Drain								
Vinayakanagara Cross Road	2	112	0.9		201.60			
				Total	**201.60**	**2337.00**	**sqm**	**471139**
Transportaion & disposing of the excavated earth obtained from side drains & high burns an either sides of the road 2km lead (P.No 134)								
Avg wt of earth 1.28 tonne/km								
Basic rate lead charges for 4.00kms (2.00x1.28x15.00)					12.80			
Add loading & unloading					68.00			
Sub total					80.80			
AW 6%					4.85			
Total					85.65			
Qty vide i.no 1					123.20	85.65	Cum	10552
							Sub Tota	**1729023.16**
							Add 12% Towards GST Charges	**207482.78**
							Tender premium 3%	**51870.69**
							Miscellaneous Charges	**11623.36**
							Grand Total	**2000000.00**

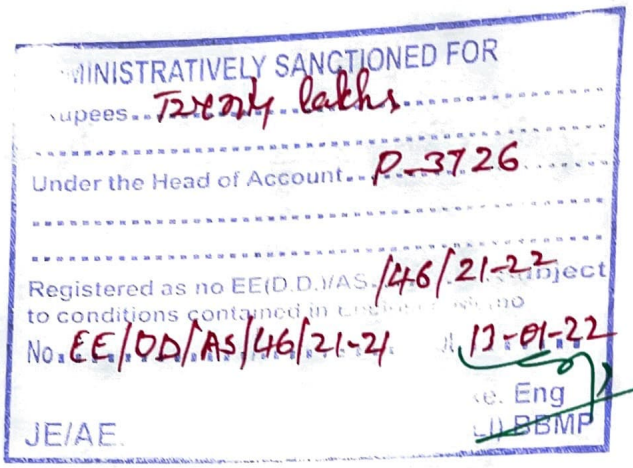
Certificate:-

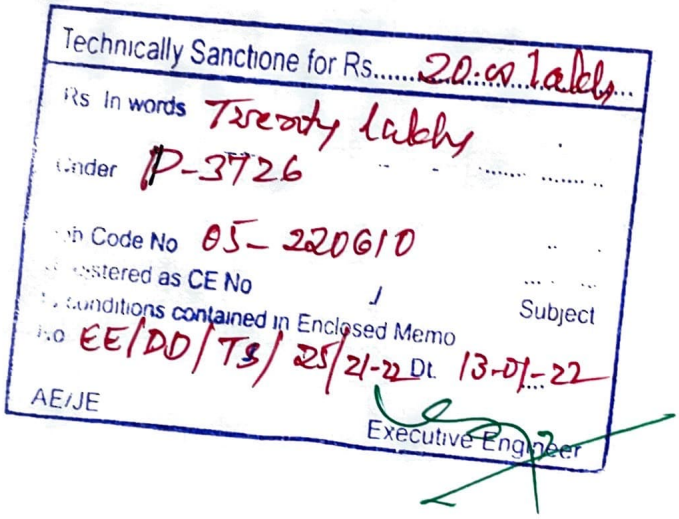
1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the Bruhat Bangalore Mahanagara Palike Limits.
3. That the rates are adopted based on the PWD SR of 2018-19
4. That the provisions made in the estimate are necessary and quite essential.

Assistant Engineer
Ward No.14
BBMP Bangalore

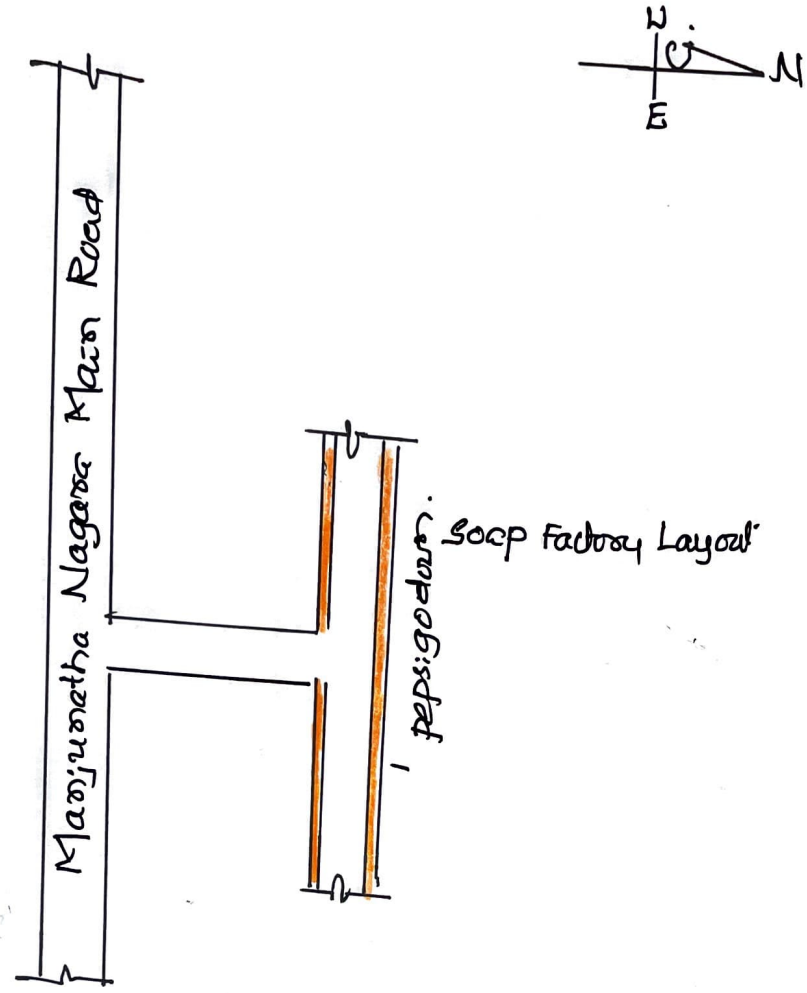
Assistant Executive
Dasarahalli Sub-
BBMP

Executive Engineer
Dasarahalli Division
BBMP Bangalore


MINISTRATIVELY SANCTIONED FOR
upees Twenty lakhs
Under the Head of Account P-3726
Registered as no EE(D.D.)/AS/46/21-22 Subject
to conditions contained in
No. EE/DD/AS/46/21-21 13-01-22
JE/AE
e. Eng
BBMP


Technically Sanctione for Rs. 20.00 lakhs
Rs In words Twenty lakhs
Under P-3726
Code No 05-220610
Registered as CE No
Conditions contained in Enclosed Memo
Subject
no EE/DD/TS/ 25/21-22 Dt. 13-01-22
AE/JE
Executive Engineer

Name of work: Maintance and Repair of foot path and Roads in ward no:14 Bagalagunte.



Indus

CC drain

AE/Ward.14